

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6168819").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/10 12:57
L2	2	("6024996").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/10 13:19
L3	0	L2 and (stable or stability)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/10 14:16
L4	232	sucrose adj ester same monoester and (fatty adj acids caprylic lauric myristic palmitic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/10 14:21
L5	43	L4 and "426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/10 14:20
L6	206	sucrose adj ester same monoester same (fatty adj acids caprylic lauric myristic palmitic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/10 14:21
L7	8	(US-5154855-\$ or US-4306062-\$ or US-4298730-\$ or US-4242364-\$). did. or (JP-2000333654-\$ or JP-61242567-\$ or JP-56018578-\$). did. or (JP-74001283-\$).did.	USPAT; JPO; DERWENT	OR	ON	2007/02/10 14:39
S1	132	(beverage or drink or beer) same foam same nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:12
S2	2	S1 and octenylsuccinic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 18:53
S3	39	S1 and (octenyl adj succinic or starch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:37
S4	3	S1 and (octenyl adj succinic )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:01

## EAST Search History

S5	78476	(beverage or drink or beer) same foamner2 volume same nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:16
S6	4	(beverage or drink or beer) same foam near2 volume same nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:19
S7	2731	foam\$3 adj system	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:19
S8	70	foam\$3 adj system same nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:20
S9	2	foam\$3 adj system same nitrogen and (beverage or beer or drink)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:20
S10	63	(foam\$3 adj system or froth) same nitrogen and (beverage or beer or drink)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 19:20
S12	93661	"426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:12
S13	33917	S12 and (beverage or drink or tea or coffee or cappuccino or beer or juice or milk or alcohol\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:20
S14	1579	S12 and (beverage or drink or tea or coffee or cappuccino or beer or juice or milk or alcohol\$)same (foam\$3 or froth)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:21
S15	1039	S12 and (beverage or drink or tea or coffee or cappuccino or beer or juice or milk or alcohol\$)near12 (foam\$3 or froth)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 14:48
S16	558	S14 and (nitrogen or N2 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:22
S17	40	S16 and (container and head adj space)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:22

## EAST Search History

S18	56	S16 and (container or can or bottle ) and head adj space	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:37
S19	1	(US-4832968-\$).did.	USPAT	OR	ON	2007/01/26 10:37
S20	1	S19 and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 12:42
S21	2	("6168819").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/26 12:42
S22	2	("6024996").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/26 12:56
S23	12	(US-20020197364-\$ or US-20020150657-\$ or US-20020127322-\$).did. or (US-6669973-\$ or US-5980959-\$ or US-5728412-\$ or US-5660867-\$ or US-5635232-\$ or US-5474788-\$ or US-5290574-\$ or US-4832968-\$ or US-4610888-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/26 12:47
S24	2	("5637337").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/26 13:01
S25	93661	"426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 13:04
S26	11	(surface adj active adj agent or surfactant or acyl adj lactylate or protein or sucrose or ester)near12 (octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid)and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 13:08
S27	16	(octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid)and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:45
S28	5	S27 not S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 13:08

## EAST Search History

S29	4	(octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid)same (foam\$3 or froth)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 13:11
S30	2	("6168819").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/29 12:37
S31	1	S30 and (octenyl adj succinic or starch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:48
S32	2	("6077558").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/29 12:50
S33	1	S32 and creamer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:50
S34	17	(octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid)and maize	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 13:16
S35	12	(US-20020197364-\$ or US-20020150657-\$ or US-20020127322-\$).did. or (US-6669973-\$ or US-5980959-\$ or US-5728412-\$ or US-5660867-\$ or US-5635232-\$ or US-5474788-\$ or US-5290574-\$ or US-4832968-\$ or US-4610888-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/29 14:47
S36	12	S35 and (beverage or drink or tea or coffee or cappuccino or beer or juice or milk or alcohol\$ foam\$3 or froth pressure pressur\$4 head adj sapce container can bottle packag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 14:49
S37	7019	(octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid or osa)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:47

## EAST Search History

S38	166	(octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid or osa)and(beverage or drink or tea or coffee or cappuccino or beer or juice or milk or alcohol\$)and (foam\$3 or froth)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:48
S39	44	(octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid or osa)and(beverage or drink or tea or coffee or cappuccino or beer or juice or milk or alcohol\$)same (foam\$3 or froth)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:57
S40	48	(octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid or osa)and "426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:00
S41	44	S40 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:58
S42	3	("2661349").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/29 17:53
S43	2	(octenylsuccinic adj acid adj3 starch or octenyl adj cuccinic adj3 starch or octenylsuccinic adj acid or octenyl adj cuccinic adj3 acid or osa)same molar adj substitution and "426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:01
S44	4	S37 and molar adj substitution	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:01
S45	4	S37 and molar adj substitut\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:01

## EAST Search History

S46	2	(container nitrogen gas pressure head adj space foam\$4 octenylsuccinic starch surface adj active surfactant acyl adj lactylate proteins hydrolysates sucrose adj esters covalent adj complex waxy adj maize moiety undecenoic adj acid molar adj substitution molecular adj weight calcium adj stearoyl adj lactylate sodium stearoyl adj lactylate milk sodium adj caseinate whey adj protein milk adj protein adj hydrolysates sucrose adj ester caprylic adj acid lauric adj acid myristic adj acid palmitic adj acid stearic adj acid) and "6168819".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 13:57
S47	2	("6168819").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 10:35
S48	1	S47 and (creamer near3 "46") and lactylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 10:58
S49	93729	"426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:31
S50	866	S49 and (coffee near3 can)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:34
S51	26	S49 and (coffee near3 can)same nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:36
S52	47	nescafe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:36
S53	507	S49 and (packaged adj liquid adj coffe near3 can)same nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:37
S54	0	S49 and (packaged adj liquid adj coffe)same nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:37

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S55	262	S49 and cream\$3 same nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:38
S56	849412	S49 and cream\$3 nera12 nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:38
S57	73	S49 and cream\$3 near12 nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:38
S58	0	("2003/0049361").URPN.	USPAT	OR	ON	2007/02/06 11:47
S59	2	("6180159").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 11:51
S60	0	S59 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:51
S61	2	(container nitrogen gas pressure head adj space foam\$4 octenylsuccinic starch surface adj active surfactant acyl adj lactylate proteins hydrolysates sucrose adj esters covalent adj complex waxy adj maize moiety undecenoic adj acid molar adj substitution molecular adj weight calcium adj stearyl adj lactylate sodium stearyl adj lactylate milk sodium adj caseinate whey adj protein milk adj protein adj hydrolysates sucrose adj ester caprylic adj acid lauric adj acid myristic adj acid palmitic adj acid stearic adj acid) and S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:24
S62	2	("5637337").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 13:23
S63	2	("5637337").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 13:24
S64	1	S62 and sucrose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 13:27

## EAST Search History

S65	2	S62 and monoester	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 13:55
S66	2	("4996823").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 13:55
S67	2	("6403137").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 13:56
S68	2	(container nitrogen gas pressure head adj space foam\$4 octenylsuccinic starch surface adj active surfactant acyl adj lactylate proteins hydrolysates sucrose adj esters covalent adj complex waxy adj maize moiety undecenoic adj acid molar adj substitution molecular adj weight calcium adj stearoyl adj lactylate sodium stearoyl adj lactylate milk sodium adj caseinate whey adj protein milk adj protein adj hydrolysates sucrose adj ester caprylic adj acid lauric adj acid myristic adj acid palmitic adj acid stearic adj acid) and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 15:27
S71	174	canned adj coffee or canned adj capapuccino or canned adj mocca	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 15:42
S72	37	S71 and "426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 15:29
S73	1	(US-5643627-\$).did.	USPAT	OR	ON	2007/02/06 15:35
S74	0	canned adj cappuccino	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 15:41
S75	1	canned near3 cappuccino	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 15:41
S78	8	S71 and (foam or froth)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:02



## EAST Search History

S79	2	octenylsuccinic adj acid and carboxy adj substituted adj undecenoic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:04
S80	2	octenylsuccinic adj acid and undecenoic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:04
S81	0	octenyl adj succinic adj acid and undecenoic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:04
S82	34	octenyl adj succinic adj acid same formula	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:23
S83	718	sucrose adj ester and (caprylic adj acid lauric adj acid myristic adj acid palmitic adj acid stearic adj acid) same (surfactant or surface adj active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:26
S84	13	S83 and "426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:26
S85	79	sucrose adj ester same (caprylic adj acid lauric adj acid myristic adj acid palmitic adj acid stearic adj acid) same (surfactant or surface adj active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:27
S86	5	S85 and "426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:27
S87	575	sucrose adj ester near12 (surfactant or surface adj active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:27
S88	62	S87 and "426".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:27